

Memorandum

February 1, 2008

To: Bruce Chrisman**From:** William Griffing *WGriff***Subject:** Revised FESHM Chapter 8070 – Facility Decontamination and Decommissioning

The revised FESHM 8070, "Decontamination and Decommissioning," better defines the responsibility section, utilizes reference links to other documents and eliminates the appendix. This chapter was posted for lab-wide review and all comments were addressed.

After final approval, please return this approval page to Elizabeth Bancroft at MS119 for posting on the web.

Encl.

Recommended for Approval:

Bruce Chrisman

2/4/08
Date**Approved:**

Piermaria Oddone

2/4/08
Date

FACILITY DECONTAMINATION AND DECOMMISSIONING

I INTRODUCTION

This chapter designates the responsibilities for establishing and maintaining the decontamination and decommissioning documentation (D&D) of the Laboratory. The purpose of D&D documentation is to provide adequate safeguards against injury or illness for employees, sub-contractors and the public or damage to the environment at such future time that facilities are demolished.

II RESPONSIBILITIES

(a) The ES&H Section shall:

- maintain a permanent, facility-specific file designated the "Decontamination and Decommissioning File" (D&D File).
- maintain and update as needed, but at least annually, the Radiological Facility Use records with input from the divisions and sections¹.

(b) The Facilities Engineering Services Section shall:

- be the repository for all civil construction drawings.
- maintain available archival drawings of all structures and underground enclosures after their removal, modification or abandonment.

(c) Divisions and sections shall:

- be responsible for the identification of any hazardous materials, other chemicals, and radioactivity in their facilities that is not removable and communicate the information to the head of the ES&H Section to be incorporated into D&D documentation.²
- ensure that information regarding non-removable radioactivity and chemical hazards is transmitted to the ES&H Section prior to D&D activity. Means for accomplishing this will include, but not be limited to, regular environmental

¹ See Chapter 2 of the Fermilab Radiological Control Manual [FRCM]

² In July, 2000, DOE imposed a moratorium on the recycling of metals located in Radiological or Radioactive Materials Areas as of that date. Such metals may not be recycled. The division/section RSO or the ES&H Section should be consulted concerning special procedures instituted to meet the requirements of this moratorium.

reviews, Radiological Facility Use reports, and activity-specific communications. Examples of chemicals that should be included in reports to ES&H for D&D filing are found in FESHM Chapter 5052. All substances regulated under state or federal regulations should also be included. Radiation contamination limits may be found in Table 2-2 in Chapter 2 of the FRCM.